



# BADGER STATE Smoke Signals



**Serving Amateur Radio in Wisconsin**

**Published Monthly Since 1969**

Vol. 14 No. 7 - 173rd Consecutive Monthly Issue - Baraboo, Wis. - July, 1984

Friday, June 8, 1984 - Barneveld's Hell... Its entire business district...90 homes.... obliterated by a killer tornado. It left 10 people dead, at latest count, it left a shattered populace...over a hundred injured...and it brought a massive response to help. The American Red Cross was among those responding, and they requested Amateur Radio Communications to help their work. Red Cross' request was answered, with some of the finest, most professional Ham Radio help ever heard anywhere, anytime. Photos and a story here:



Here, Susan Miller, of the Red Cross Disaster Field Team, providing relief work in Barneveld, coordinates movement of Red Cross personnel and equipment to and from the stricken area. Jim Peterson, KA9KUA, takes notes for Ms. Miller. Photo taken at the Red Cross Shelter in Barneveld by k9zz.

Badger State Smoke Signals supports: The American Radio Relay League (ARRL) - The Wisconsin Nets Association (WNA) - The Wisconsin Association of Repeaters (WAR) - The Amateur Radio News Service (ARNS)  
GEARVAKf (The 'f' is silent)

Badger State Smoke SignalsOfficers:

Ken Ebnetter, K9EN, Chairman  
 Jim Romelfanger, K9ZZ, Editor  
 Jim Decker, WB9UQT, Treasurer

Send editorial material and  
 exchange papers to:

Jim Romelfanger, K9ZZ, Editor  
 Rte. 1, Box 770  
 North Freedom, WI 53951-9799

Subscriptions:

1 yr. \$ 6.00  
 2 yr. 11.50  
 3 yr. 17.00

to:

Badger State Smoke Signals  
 Jim Decker, WB9UQT, Treasurer  
 P.O. Box 337  
 Baraboo, Wisconsin 53913-0337

Send address corrections and  
 changes to:

Kenneth A. Ebnetter, K9EN  
 822 Wauona Trail  
 Portage, Wisconsin 53901

Permission is granted to re-  
 print items from BSSS provid-  
 ing credit is given to the  
 author and Badger State Smoke  
 Signals.

SWAPFESTS AND OTHER SOCIAL EVENTS

The South Milwaukee ARC Swapfest will be Saturday, July 7, 1984, at The American Legion Park on Shepard Ave. in Oak Creek, Wisconsin. For information, contact the South Milwaukee ARC, P.O. Box 102, South Milwaukee, WI 53172.

The Lake Shore Swapfest and Public Brat Fry will be Saturday, July 14 at The Wilson Town Hall in Sheboygan, Wisconsin. Free Tables. Registration: Advance \$2.50 (by June 30), \$3.00 at the door. For information, write P.O. Box 895, Sheboygan, WI 53081, or call (414) 457-3203.

The Eau Claire Amateur Radio Club will hold its annual Hamfest on Saturday, July 14, 1984, at the 4-H buildings on Fairfax St. in Eau Claire from 8 a.m. to 4 p.m. Talk-in on 31/91 and 52 simplex. Free tables & coffee. Packet radio demonstration, commercial exhibitors, computers and satellite TV. Tickets \$2.00 in advance, \$3.00 at door. For info, tickets, send SASE to Gene Lieberg, KA9QWH, 2840 Saturn Ave., Eau Claire, WI 54703.

The Riverland Amateur Radio Club will hold its 1st annual Swapfest on Saturday July 28, 1984 at the Onalaska Community Center, 515 Quincy St., Onalaska, WI. Admission by donation -- Talk-in on 37/97 -- Refreshments available. Free tables.

Hamfesters Radio Club will hold their 50th annual Hamfest on Sunday, August 12, 1984 at Santa Fe Park,

91st and Wolf Rd., Willow Springs -- Near Chicago. Advance reservations \$3.00 or \$4.00 at the door. Hamfesters Radio Club, Inc., P.O. Box No. 42792, Chicago, Illinois 60642.

The Northwoods Amateur Radio Club and Oneida County ARES will be jointly sponsoring a Hamfest Saturday, August 25, 1984 at South Park School in Rhineland, Wisconsin. The school is located at 511 S. Pelham in Rhineland. This is on Highway 17, one block north of the junction with Highways 8 and 47. Tickets are \$2.00 and will be available at the door. Tables are free! (on a first-come, first-served basis). Doors will open at 9:00 a.m. Auction will be at 2:00 p.m. Combine your vacation and an eyeball with the friendliest Hams in the Northwoods. For further details, contact Mike Hamman, KA9BHL, Rte. 5, Box 668, Tomahawk, WI 54487.

The Illinois State A.R.R.L. Convention will be held on Sunday, August 26, 1984 at the Kane County Fairgrounds Exhibition Hall in St. Charles, Illinois. Admission: \$2.00 advance or \$3.00 at the gate. SASE to Jerry Friedes, W9ZBP, 1501 Molitor Road, Aurora, IL 60505. Commercial and Flea Market: George R. Isely, WD9B16, 736 Fellows St., St. Charles, IL 60174.

Radio Expo 84 will be held September 22nd and 23rd at the Lake County Fairgrounds, (halfway between Milwaukee and Chicago) Rts. 45 and 120, Grayslake, IL. \$4.00 for both days, \$3.00 in advance. Radio Expo, Box 1532, Evanston, Illinois 60604

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages, and/or we can include your flyers. For information on rates and requirements for our advertising pages, and/or for including flyers, please contact K9ZZ or K9EN.

AMATEURS REMINDED OF LAUGH RULES

From GEARVAKf Bulletin

By Ho Har, BY1LAF, Chief Op, GEARVAKf  
 Official Observer Corps

Section 97.45A of the Radio Bureau Rules and Regulations stipulates it quite clearly: "No operator in the Amateur Service shall laugh or cause to be laughed in any natural or normal way during any transmission or sequence of transmissions, except in the following manner: By using the sign "HI" on continuous wave telegraphy, or the word "HI" pronounced as "HI" in the modes A3, A3A, or A3J; or the term "HARDY, HAR, HAR," when referring to such radioteletype transmissions." GEARVAKf observers have noticed several occasions where the term "HI" has been used on radioteletype rather than "HARDY, HAR, HAR," a clear violation of the Radio Bureau Rules. We have also heard instances where operators, chiefly younger, inexperienced ones, will actually laugh on SSB instead of saying "Hi Hi," or "Hi Hi Hi." The term "HAR," pronounced "Har," is permitted on simplex FM below 146 MHz, but is strictly prohibited on repeaters.

--N8JR





## BARNEVELD... THE VILLAGE THAT WAS:

By Jim Romelfanger, K9ZZ  
Public Information Officer, WI Section ARRL  
Rte. 1 Box 770  
North Freedom WI 53951-9799

"This town is levelled." Words from Steve Polishinski, WB9YSD, the first Amateur Radio operator to arrive in the remains of Barneveld, Wisconsin, about 3:45 a.m. on Friday morning, 8 June 1984.

Steve was with a Red Cross Survey Team from the Red Cross Madison WI office. Those words were the first indication the Amateur Radio community had of the magnitude of what had happened only a couple hours before in that Iowa county community of about 500 people. Boy, did it happen!

The evening of Thursday, 7 June, was muggy...a typical late Spring day in Wisconsin. I was in Portage for my twice-weekly brainbusting session with a computer. My teacher, Tom Collins (ex-WN9LIR), asked, "Do you think there will be a weather net tonight?" There was, but I wish he had been wrong.

In the late evening on Thursday, June 7, the Severe Weather Net on Baraboo WI 28/88 was activated by Rob, WA9ZTY. Dane County Emergency Coordinator Jim Anderson, N9AGH, headed for the NOAA Weather Bureau at Truax Field in Madison and activated the Amateur station there, again on 28/88. These net operations are routine operations here, but the situation changed from just another severe weather watch operation to an emergency operation very quickly.

NOAA was requesting information from time to time about several different cells they were observing on radar, and on which they wanted confirmation.

The first indication we had of a tragedy was when a Spring Green WI police officer (Sauk County WI, just north of Iowa County) advised the Sauk County Sheriff's dispatcher that a touchdown had occurred in Barneveld, in Iowa County, and that police in Barneveld were asking for all possible assistance. I passed this to WA9ZTY, who then advised Frank Holliday, WB9NOV. Frank immediately activated the Dane County Amateur Radio Emergency Service (ARES) Net, in anticipation of a possible request for communications from the American Red Cross, whose headquarters are in Madison. (Dane County is adjacent to Iowa County on the east.)

The anticipated request became reality, and, shortly, several Red Cross Disaster Survey teams were en route to what was left of Barneveld. The first Amateur to arrive, with a Red Cross team, was Steve Polishinski, WB9YSD.

After about twelve hours of constant handling of traffic from Barneveld, Net Control Station W9JZ asked Joe, W9CWD, in the devastated area, if the Amateurs wanted relief... Joe said, "We can hang in there for a while... the adrenalin is flowing." When the call came from Red Cross for our help, WB9YSD was off and running, with no time to change clothes. He arrived in the area with summer-type garb..shorts, etc..and found it cold indeed, there in the early morning darkness and dampness. But, after what had happened just a few hours before, minor, indeed.

Arriving shortly after were Joe Imilkowski, W9CWD, who

also brought a generator, and Kevin Kolpitcke, WB9YHB. All three spent about twelve hours with Red Cross crews, surveying the area, and helping Red Cross make initial determination of damage and their response to the disaster. Barneveld was levelled, but severe damage also occurred in the Black Earth area, from the same tornado, where our communications were also needed and used. Amateur Radio also gave heavy support to the Red Cross shelter in Dodgeville, and the food preparation area in Mount Horeb, not far from the remains of Barneveld.

(On Sunday, June 10, Red Cross had already served more than 2700 meals, both to victims and to volunteer workers.)

The Net Control Station at the Red Cross Headquarters was W9JZ, which is the call sign of the Four Lakes Amateur Radio Club in Madison, and it was manned at all times during Amateur Radio's part in our communications for the Red Cross. Some of the operators there were: Jim Anderson, N9AGH, Gari Berliot, K9PBV, Dave Birdsall, N9BYK, Doug Smith, W9WI, Cliff Lawson, W9ZI, Frank Holliday, WB9NOV, Joel Kupferberg, N9CPW, Peter Byfield, K9VAL, Dick Burton, N9BAF, Stephanie Fassnacht, KA9HCJ, and Frank Haring, KF9U. W9JZ was first activated by Dave Birdsall, N9BYK.

Operations were moved from 34/94 Madison to 28/88 Baraboo, and all operations were conducted on that circuit. Both 34/94 and 28/88 are owned and operated by the Central Wisconsin Repeater Association, whose address is P. O. Box 802, Madison WI 53701. The President of the Madison Area Repeater Association, Clyde Downing, W9HSY, generously offered use of the MARA 16/76 and 75/15 machines in Madison. MARA's address is P.O. Box 3403, Madison WI 53704.

Circuit discipline during all of this was nothing short of excellent. 28/88 is a wide-range machine, to say the least.. but very little was heard on that repeater at any time except for emergency work between Madison, Barneveld, Black Earth, Mount Horeb and Dodgeville. Those who followed the tried and true ARRL advice of maintaining silence in an emergency unless called provided just a great a service as did those who were helping Red Cross!

Here is a list, from Dane County Emergency Coordinator Jim Anderson, N9AGH, of those who provided Amateur Radio help during this emergency:

Richard Bonomo, WB2WXH, Madison

Steve Polishinski, WB9YSD, Madison

Doug Smith, W9WI, Madison

Joe Imilkowski, W9CWD, Madison

Bill Bratley, K9ANL, Madison

Gary Turner, KC9LM, Madison

Bob Aspinwall, KA9JPZ, Madison

John Mann, WB9VZZ, Brooklyn WI

Kevin Kolpitcke, WB9YHB, Madison

Gari Berloit, K9PBV, Madison  
 Bob Garske, K9JMP, Poynette  
 Theresa Uicker, N9DIA, Madison  
 Chris Zenchenko, WB9RSQ, Madison  
 Dave Birdsall, N9BYK, Madison  
 Cliff Lawson, W9ZI, Oregon WI  
 Frank Holliday, WB9NOV, Madison  
 Joel Kupferberg, N9CPW, Madison  
 Jim Anderson, N9AGH, Madison (EC Dane County)  
 Peter Byfield, K9VAL, DeForest  
 Dick Burton, N9BAF, Madison  
 Stephanie Fassnacht, KA9HCJ, Madison  
 Jim Stone, K9JVP, Mount Horeb  
 Herb Jordan, W9LA, Madison  
 Fred Haring, KF9U, Middleton  
 Jim Peterson, KA9KUA, Cross Plains  
 Bob Macum, KM9W, Madison  
 Darryl Council, KD9IU, McFarland  
 Jim Romelfanger, K9ZZ, North Freedom  
 Staber Reese, W9DOD, Madison  
 WC9AAG, Radio Amateur Civil Emergency Service (RACES),  
 Hill Farms State Office Building, Madison, operated by  
 Russ Fleming, WB9NYG  
 WC9ABL, RACES, City/County Building (Dane County),  
 Madison, operated by Jim Engeseth, WA9CTW

Inadvertant omissions are indeed possible in this list, but it is as complete as we know at the time this is written. If anyone has been left out, please advise both N9AGH and BSSS Editor K9ZZ right away. If additions and/or corrections to this list are needed, this entire list will be run in August BSSS, including any changes. Thanx.....k9zz.)

A few items...

On Friday, a private Red Cross telephone number needed to be passed between W9JZ and Barneveld. Many, many Hams listening...and probably thousands of scanners scanning away. To provide some degree of security, the number was passed on two-meter SSB.

Jim Stone, K9JVP, in Mount Horeb, turned out to be a great resource, as Mount Horeb is where the Red Cross prepared food. It isn't far from Barneveld.

The Sunday Morning Swap Net, held on Sunday morning at 10:00, and usually NCSed by John LaBlonde, W9FZC, or

Russ, WA9EKG, was cancelled, to permit continuing use of 28/88 for our emergency traffic work. Thanx!!!  
 The CWRA 34/94 machine, located in Madison, and the repeater initially used for this work, worked well, but was marginal into Barneveld, so nearly all work was done on 28/88. Thank heaven for CWRA's excellent - and extremely dependable machines! CWRA gets a gold star.. and lots of gratitude for making these machines available.

Thanx to Clyde, W9HSY, for making MARRA's repeaters available, too... anudder gold star!

Thanx to all who refrained from using the repeaters we were using for all of this. A late spring day.. a wide range 28/88 repeater... lots of transients going thru the area... and virtual complete silence from everyone. Circuit discipline was nothing short of super! Thanks...thanks.. thanks!!!

Dane County EC N9AGH had words of praise, especially to those operators who were immediately available.. at 3 a.m... to answer Red Cross' call, especially to N9BYK, WB9YHB, WB9YSD, W9CWD and others. BYK, YSD and YHB are members of the Badger Amateur Radio Society at the University of Wisconsin - Madison Campus (W9YT.)

"The cooperation on 28/88 was excellent... Only a very few who (who weren't aware of the disaster communications in progress) started a QSO just moved off. We had no hassle.. absolutely no hassle." - N9AGH.

A footnote... the latest death count from Barneveld now stands at 10, with the recent death of an infant in a Madison hospital.

A disaster of the worst possible kind.. and it brought out the very best in volunteer help.. and the finest Amateur Radio communications work this editor has ever heard.

We may have more info next issue.

And finally...these words, at about 3 p.m. on D-Day (Disaster Day - Friday, June 8) from a conversation between two American Red Cross officials, between Madison Red Cross and the disaster site in Barneveld, talking briefly about Amateur Radio Operators and their facilities:

"This has been a Godsend... Without these guys, we'd have been in bad shape."

jim romelfanger k9zz

#### Addendum:

At a meeting of the Barneveld Village Board the general opinion seemed to be that, from the rubble, a new Barneveld will emerge.

And... now, I've seen the American Red Cross at work -- mustering facilities and workers in droves. They are nearly all volunteers -- as we are -- and they are impressive! After seeing them in action, I do not understand why anyone could not help but support them. They should NEVER have to ask for even one dollar!



CLUB MEETINGS:

Central Wisconsin Radio Amateurs: (Stevens Point)  
July 11, 1984: CWRA LTD club meeting, UWSP  
Science Bldg. Room A-109, 7:30 p.m.

Kettle Moraine Radio Amateurs:  
All meetings are held on the SECOND (2nd) Friday  
of each month.

Madison Area Repeater Association  
Next meeting will be September 10, 1984.

Milwaukee Radio Amateurs Club:  
All regular meetings of MRAC are scheduled for  
1984 at Waumattosa Savings and Loan Building, 7500  
West State Street, and are held on the second  
Thursday of the month. Sep. 13, Oct. 11 and Nov.  
8.

West Allis Radio Amateurs Club  
Regular meetings are held on the second Tuesday of  
each month at St. Francis Savings, 9330 W.  
Greenfield Ave., at 8:00 P.M.

The Wisconsin Valley Radio Association (Wausau)  
holds regular monthly meetings on the first  
Tuesday of the month at 7:30 p.m. The location  
varies, but information is available on the  
146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club: (Baraboo, WI)  
All regular meetings of YTARC are held in room 34  
of the Baraboo Civic Center. Jul. 11, Aug. 16,  
Sep. 17, Oct. 16, Nov. 14, Dec. 13.

Let us know of your club meeting dates and we will let  
others know of your meetings and activities. There may  
be Amateurs in your area interested in joining your  
club, or members of other clubs interested in making an  
interclub visit.

-----  
MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS  
Oh what the heck -- a few items of interest:

Central Wisconsin Radio Amateurs Ltd. (Stevens Point)  
HATT'S SHOP  
The Swapfest/Family Picnic was a successful event.  
But, a disappointingly small crowd. We did have  
people here from within a 100 mile circle, so the  
word did get around. TNT did a fair business,  
despite the small crowd, and are considering  
coming back. The weather cooperated beautifully -  
it was a perfect day. Could it be the weather was  
too nice? --W9BCC

Four Lakes Amateur Radio Club  
THE FEEDLINE  
Our congratulations must go out to Dennis Ruskin,  
K9BIL, for the recent confirmation of his 5-Band  
DXCC application.

Denny is somewhat of a newcomer to DXing, having  
only chased it since about 1979. NICE WORK DENNY,  
our hats go off to you!

Green Fox Amateur Radio Club (Green Lake)  
FOXTALES  
Harold Davis, W9UIV, is in the hospital with a  
broken hip. To all of Harold's old friends, you

can send him a get well card at the following  
address:

Harold Davis, W9UIV  
Room 578B - Mercy Medical Center  
Oshkosh, WI 54901

Ship him a card - bring him a smile! --k9zz

Milwaukee Radio Amateurs Club  
HAMATEUR CHATTER

Newly elected officers for the MRAC are:

President	Christopher Welton	WD9GZL
1st Vice President	John E. Lorbecki	KA9DNL
2nd Vice President	Emrend A. Bude	K9HJH
Secretary	Harry A. Cieszki	KD9AJ
Treasurer	Montgomery Sykes	KA9NVV
Director - 2 year	Fred Mikolajewski	KC9WW
Director - 2 year	Jack C. Krause	W9JK
Director - 2 year	George J. Philbert	KA9HXM

Joining the above are the following Directors with  
one year remaining on their terms:

Walter J. Glish	W9YYW
Ted Stiller	WA9RDI
Gerald R. Melotik	KC9EV

Florence Belanger, W9WYJ, sends us this from the  
San Francisco Examiner: "The two most lethal  
weapons are guns and cars. One man did more than  
any other to quiet these killers. Hiram Percy  
Maxim invented both the silencer and muffler."

ARRL informs us that the late Herbert F. Wareing,  
W9NY, was a member from December 1915 continuously  
to his death in 1983! An AWESOME number of years!  
Over 67 by the League count!

Tri-County Amateur Radio Club

A club station will be set up for Old Fashioned  
Days on July 21 and 22 in Palmyra. Special QSLs  
will be issued. Volunteers are needed, contact  
Tom, WD9FRI.

Congratulations to Art, N9TD, who had his first  
Oscar 10 satellite contacts this last week. One  
was an east coast station while the other was in  
Japan. The mode worked was 70 cm. uplink and 2  
meters downlink. One of these is worth 100 points  
on Field Day! Good luck.

Wisconsin Nets Association

For news of the WNA see the WNA section of Smoke  
Signals.

Yellow Thunder Amateur Radio Club, Inc.

For news of the YTARC see the YTARC section of  
Smoke Signals.

Our thanks to the above mentioned clubs and their  
bulletins for the information presented. Badger State  
Smoke Signals will be pleased to exchange bulletins and  
information with your club. Please contact K9ZZ or  
K9EN.

-----  
Garden nursery ad: "We will Sell No Vine Before Its  
Time."

-- Shelby Friedman

**YELLOW THUNDER AMATEUR RADIO CLUB**

The June 12, 1984 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order in room 34 of the Baraboo Civic Center by the Secretary, Ken Ebnetter, K9EN. In the absence of the President and the Vice-President, past Vice-President Ken Johnson, K9DZG, was selected to act as chairman. The following members were present:

Ken Ebnetter, K9EN	Portage
Jim Decker, WB9UQT	Baraboo
Ken Johnson, K9DZG	Mazomanie
Harry Mayland, K9FFT	Baraboo
Peter Sweeney, WD9JIB	Reedsburg

The minutes of the previous meeting were approved as printed in June Smoke Signals.

The Treasurers report was received and accepted. Operating fund balance was \$72.27, with a total balance in all funds of \$312.27.

The circus parade July 7, 1984 in Baraboo was discussed. More operators are needed to assist. If you can help, please contact Jim Decker, WB9UQT.

Ken Ebnetter, K9EN, is building a packet radio Terminal Node Controller (TNC) and hopes to be able to give a demonstration in the fall.

No old business.

No new business.

Jerry Lamb, KA9LUT, was drawn for the door prize of \$2.00. Since he was not present, next month's prize will be \$3.00.

The meeting was adjourned.

Following a brief recess for refreshments, the video tape, "Amateur Radio's Newest Frontier," featuring the flight of Columbia STS-9, with Astronaut Owen Garriot, WSLFL, was presented.

This excellent video tape was presented courtesy of the ARRL, with the video recorder and television courtesy of Hays Music Store of Portage.

Respectfully submitted:  
Ken Ebnetter, K9EN, Secretary

The July meeting of the YTARC will be held in room 34 of the Baraboo Civic Center at 7:30 p.m. on July 11, 1984. The program is yet to be determined.

Only one YTARC member will be celebrating his birthday in July. Happy Birthday, Chuck!

Charles Scholten, W9BZU, Manitowoc, July 19

To Bring you up to date: Some Badger State Amateurs will remember, and some will not, the famous Anderson Hams

from Baraboo. Dad Phil (an LCA Lutheran minister), and son Rick and daughter Sue, were first licensed as Novices about 1971 as WN9EWP (Sue), WN9ENQ (Rick), and Phil (WN9ENR.) The youngest of the total of three Anderson kids is Steve, who was later licensed as WD9ESA. But...that was a long time ago!

Rick is married and lives near Seattle, Washington, where he is employed by Boeing. When Rick was in Baraboo for a visit last winter, he took back the spare Anderson HF rig, and now maintains twice-weekly skeds on 20-meter SSB with Dad Phil, who is now W9TP. Phil's lovely YF, Joan, didn't care a great deal to talk on "OM's" radio...but she sez that, now, with son Rick on the other end, she chats gladly!

Daughter Sue is married to Phil Hultgren, who has graduated from a Lutheran seminary in Gettysburg, PA. He has been ordained and accepted a call to serve in Maine.

Steve, WD9ESA, is a student in the University of Wisconsin. OK...five folk in the family...the only one without a ticket is Joan...Joan, why not make it unanimous? OM would be proud of you...so would Rick, Sue and Steve! --k9zz

A Purty Gal in Portage had a Ham ticket twice before...but now it sure looks like it took to stay! Nina Schroeder, daughter of Bob Johnson, WB9ELW, is the YF of Hank Schroeder, WB9QDT. She trotted to Chi-Town recently, and is now N9EIV, with a General ticket. Both the Johnsons and Schroeders reside near Pardeeville. Bob, Hank and Nina can oft be found on the CWRA-Baraboo 28/88 repeater. Congrats, Nina! --k9zz

Welcome back to wonderful (and green) Wisconsin to Duane Grotophorst, KA9HKL, who is back at his stomping grounds ear metropolitan Witwen. He spent a month near Fairbanks, Alaska, checking out farming methods there. He sez he never realized just how lush the vegetation in the Badger State is until he saw it from the air and had that chance to compare it with KL7-land. Duane sez he'll take Wisconsin any time...and he also sez it's kinda nice to be back where we have darkness at night.

And...congrats to Duane...just a few days before he headed for Alaska, he wrote his Advanced Class exam...and he passed. 'Way to go... You ol' "Pea Picker" --k9zz

We are sorry to have to report that Evelyn Fox, WB9QZA, Merrimac, has suffered a stroke and is recovering in Illinois. We are sure she would be pleased to receive a card from her many friends in the YTARC and throughout the Badger State. She can be reached at this address: Evelyn Fox, WB9QZA, c/o Mary Beck, P.O. Box 207, Libertyville, IL 60048. Evelyn attended one of the early classes conducted by the YTARC and received her Novice license several years ago at the age of 79 and she has since graduated to a Technician class license. We all wish her a speedy and complete recovery.

Scenic Owen Park in Columbia County has been the site of Yellow Thunder Field Day operations and of several VHF contest expeditions for many of the the past years. Owen Park is on a hill overlooking the Wisconsin river valley to the South and, at 1400 feet above sea level, it is about 600 feet above the surrounding terrain, making for an excellent operating site. (This years' Field Day operation, while involving some YTARC members, along with other area Amateurs, was not a YTARC club activity.)

The following resolution was recently passed by the Columbia County Board of Supervisors:

WHEREAS Columbia County Amateur Radio operators have furnished valuable emergency communication services to our communities in the past, and

WHEREAS The Amateur Radio operators run practice and training sessions at the Columbia County Owen Park site, and

WHEREAS The Owen Park site affords natural coverage of our communities not available anywhere else,

NOW THEREFORE BE IT RESOLVED That the Columbia County Board hereby approves ongoing emergency training sessions at the Owen Park site, Town of Caledonia,

AND BE IT FURTHER RESOLVED That this approval be granted the Amateur Radio Public Service Corps, Amateur Radio Emergency Service and the (Radio) Amateur Civil Emergency Service all of which will be represented by Columbia County Amateur Radio operators,

AND BE IT FURTHER RESOLVED That the County shall not be obligated for any cost or liability incurred by these training or practice sessions.

## WANT ADS

### FOR SALE:

425' Hardline

325' Hardline

1 - Phelps-Dodge Superstation Master Antenna, 21 ft. long.

2 - Five ft. "A" frames with mounts for Phelps-Dodge antennas.

Best offer

Madison Area Repeater Association

Box 3403

Madison, Wisconsin 53704

Call Clyde, W9HSY, (608) 222-4744

or Steve, WD9FLI

LOOKING FOR: VIC-20 or Comodore 64 or other small computer for a friend. Please write, giving condition, any accessories, and price. Please also provide your telephone number. Jim Romelfanger, K9ZZ, Rte. 1, Box 770, North Freedom, WI 53951-9799.

Your ad can run here... For a mere fifty cents a line, you, too, can advertise in Badger State! Send your copy and humble remittance to Keeper of the Funds, Jim Decker, WB9UQT, P.O. Box 337, Baraboo, Wisconsin 53913-0337

## FROM THE ARRL LETTER

The last call sign in each group to be assigned for the ninth district, as of the first of June 1984, was:

Amateur Extra	NB9D
Advanced	KD9IV
Technician/General	N9EPC
Novice	KA9SCT

### BOOKS - FRANK TALK

John W. Frank, WB9TQG

P.O. Box 5113

Madison, WI 53705

### Understanding Amateur Radio

Published by The ARRL

223 pages (paperback) \$5.00

The fifteen chapters in this book do a very good job of filling in the gap between *Tune in the World With Ham Radio* and *The Radio Amateur's Handbook* (both by the same publisher). As is the case with most ARRL publications, *Understanding Amateur Radio* has a good blend of theory and application.

Profusely illustrated with schematics, sketches, graphs, and photos, this book begins with DC and AC circuit theory, then proceeds through semiconductors, tubes, phone, CW transmitters, receivers, antennas, and accessories. The chapter headed "Workshop and Test Bench" contains a wealth of information for homebrew enthusiast and neophyte troubleshooter. Power supplies have a chapter of their own, as do homebrew test instruments.

Is there anything this book doesn't mention? Yes. There is no mention of proper operating procedures. There are no lists of "B" signals, no charts of frequency allocations.

Who would I recommend this book to? I would definitely recommend it to novices who are studying to upgrade, and I would recommend it to higher class license holders who want to brush up on the fundamentals of electronics.

John W. Frank WB9TQG

## WE GET LETTERS

Jim:

I received the sample copy of BSSS today and must say it's a FB publication. I read it from cover to cover before I put it down.

73, Clyde, KF9I

Daffynitions:

Gadabout: compulsive rambler.

Gypsy Moth: treetotaler.

Comedian: a grin reaper.



## WISCONSIN NETS ASSOCIATION LTD.

## WISCONSIN NETS

NET	WNA	FREQ	UTC	LOCAL CDT	MANAGER
BWN	YES	3984	1100Z	0600	WD9IID
BEN	YES	3985	1700Z	1200	WB9ESH
WSBN	YES	3985	2230Z	1730	WA9ZTV
WNN	YES	3723	2300Z	1800	KA9OBP
WSSN	YES	3645	2330Z	1830	KC9CJ
WIN-E	YES	3662	0000Z	1900	WB9ICH
WIN-L	YES	3662	0300Z	2200	K9L6U
XPD	NO	3925	1731Z	1231	WA9YVC
NWTN	YES	.34/.94	2330Z	1830	N9BDL
GR.BAY	NO	.72/.12	THU 0145Z	2045 WED	WB9NRK
WCWTN	YES	.31/.91	2330Z	1830	N9AUG

Report BWN: Not present.

Report WSSN, KC9CJ: QNI up 26 sta. last year.  
Traffic up 12%.Some stations won't take traffic,  
would like to solve this problem.

Report WSBN: Need NC &amp; Alt NC for Fri. and Sun.

Report WNN: Not present

Report WIN-E WB9ICH: Holding fairly well, small  
decline in checkins. Traffic good. Some changes  
in NC roster & 9RN reps. Need NCS for Wed.

Checkins per month:

Top 10 April

Top 10 May

Top 10 April	Top 10 May		
27-DBP	30-BDL	April 83/84	
25-CBE	29-CBE	Checkins down	5%
20-BDL	26-DBP	Traffic up	15%
18-YCV	24-YCV	Relayed up	15%
17-AUG,CXY,ICH	21-CXY	Total time down	6%
16-CJ	18-ICH		
14-KQ	14-CJ,9V	May 83/84	
12-OT,DND	11-GDF,KU	Checkins up	1%
10-GDF	10-KQ	Traffic down	9%
9-WDBLDY,Z9V,LDY	9-9G	Cleared up	4%
		Total time down	12%

We need more stations.

Report WIN-L, K9L6U: April checkins down 57.  
May, back up.  
Traffic 83/84, some decline.  
NM would like replacement!

Report WCWTN: Not present.

Report NWTN, KA9BHL:	1984	1983	
	152	151	sessions
	2014	2215	checkins
	270	201	traffic offered
	267	201	traffic cleared
	5132	5501	minutes

Traffic cleared up 13 per month. NWTN took a back  
seat a couple evenings when a tornado hit near  
Lake Tomahawk, and local Hams moved into damage  
area to help Police and National Guard.Report BEN, WB9ESH: Need Alternate NC for Sat.  
Need 9RN rep. Tue. & Sat.  
Traffic about the same.  
Conditions poor.

Old Business:

1. Picnic prizes - letters going out.
2. Booster expiration? KC9CJ will send a message,  
and renewal will be based on date you joined.  
Motion on renewal date: Made by K9L6U, Seconded by  
W9YVCV and passed.
3. Need more Boosters, don't have to be a Ham, talk  
it up on the nets.
4. WNA 25th anniversary in January.
  - A. Have special event.
  - B. Have certificates.
  - C. Have a prize.
  - D. Activities in January?

Minutes of the WNA meeting Sat. June 9, 1984, at  
WB9ESH's Manitowoc.

Meeting called to order by Chmn. WB9ESH at 18:17Z.

Note: Thanks to John and Diane for a nice lunch.

Present: WB9ESH, NM-BEN; KA9BHL, Del. NWTN; KC9CJ, NM  
WSSN; K9L6U, NM WIN-L; WB9ICH, NM WIN-E; W9YVCV, Del.  
WIN-E; W9KU, Del. BEN; N9BYK, Del. WIN-L; W9CBE, Del.  
WIN-E; K9UTQ, STM; K9GDF; KA9BHK.Secretaries Report: Minutes of last meeting mailed,  
Motion was made to accept by W9YVCV, seconded by KC9CJ  
and was passed.

Treasurers Report:	KC9CJ	As of March 3	\$45.97
		5 new members	50.00
		Total	95.97

Paid out:	
Badger State Smoke Signals	22.50
Balance	73.47

Motion to accept was made by WB9ICH, seconded by K9UTQ  
and was passed.

SM Report: Letter from Roy read by K9UTQ

1. Suggest a certificate for WNA 25th anniversary.
2. Have a corn roast at picnic.
3. Renewal and issue of Boosters at picnic.
4. Recd. letter from ARRL, some people holding ARRL  
appointments are no longer ARRL members. I sent  
them messages, very few replies. Will have to  
cancel some non members.
5. I've heard comment - some nets are falling apart,  
please don't let this happen.
6. It's been a pleasure serving as SCM/SM, but time  
for a change.

Comment, K9GDF: Roy did a tremendous job, 11 yrs. a  
lot of hard work. I am looking forward to working with  
all of you.

STM Report K9UTQ:	Total sessions	1,338
	Checkins	24,325
	Traffic	12,789
	Traffic Cleared	12,173 (95%)
	40,263 Min. or 671 Hours, year to date.	

I will send these stats. to NM quarterly.

E. Committee for anniversary: W9YCV, W9BYK, K9FHI & KC9CJ.

#### New Business:

1. Commendation to K9FHI for outstanding, unselfish, an extended service as SCM. The WNA thaks YOU. Motion made by K9LBU, seconded by W99ICH and passed.
2. Letter from the West Allis Radio Amateurs Club: They want to sponsor the Wisconsin QSO Party again. Motion made by K9UTQ, seconded by KC9CJ and passed.
3. Send meeting summary to K9ZZ for BSSS. Motion made by K9LBU, seconded by W99ICH and passed.
4. Encourage traffic handling, maybe a video tape for club use.
5. Send a letter to ARRL: Need a "free" transmitter for message handling on field day. Motion made by KC9CJ, seconded by W9YCV and passed.
6. Comment: K9GDF, K9BED is missed on the nets, hope he returns.
7. Comment: K9UTQ, training sessions once a month after net, the attendance is low, those who could learn not taking part. Third Saturday is regular date. Possible to start RTTY net??

Motion to close meeting made by KC9CJ, seconded by W99ICH and passed.

Next meeting at the picnic September 15.

Respectfully submitted,  
Mike Hamman, KA9BHL, Secretary.

---

ARRL Bulletin nr 40 from ARRL Headquarters  
Newington CT., May 29, 1984  
To all Radio Amateurs

A third party agreement was signed on May 23 permitting Amateurs of the United States and of Belize, prefix V3, to exchange messages on behalf of persons other than the Amateurs involved. While the text has not yet reached HQ., the agreement is believed to contain the usual restrictions against business traffic and against messages sufficiently important to justify using the common carrier networks. The agreement becomes effective June 22. AR

---

ARRL Bulletin nr 47 from ARRL Headquarters  
Newington CT., June 15, 1984  
To all Radio Amateurs

The FCC has denied the ARRL Petition for Rulemaking RM 4040. The League had requested the Cable TV operations be prohibited on Amateur frequencies, but the FCC felt that this was too drastic an action. However, it is not a total loss for Amateur Radio. In denying the League's request, the FCC used strong language to remind the Cable TV companies of their responsibilities not to leak excessively and to eliminate harmful interference even if the leakage is within FCC limits. Details will appear in the ARRL letter and QST.

---

A psychologist has figured out why Robin Hood only robbed the rich. --- The poor didn't have any money.

#### From THE ARRL LETTER

ARRL expects the FCC to adopt Volunteer Examination Cost Recoupment rules in mid-July. As soon as such rules are adopted, ARRL President Price and General Manager Sumner will sign an agreement with FCC for ARRL to become a Volunteer Examination Coordinator (VEC) in all 13 districts. If there are no significant delays, ARRL will be coordinating exams beginning on Labor-Day weekend (September 1).

Initially, ARRL will coordinate exams for hamfests and conventions only and begin handling all other sessions 60 days later (November 1). This will permit ARRL exam sessions to meet the pent-up demand effectively while allowing time for dealing with unforeseen problems.

ARRL is in the midst of preparing a training manual, which will be ARRL's means of training a large number of Volunteer Examiners (VEs) in procedures and requirements for serving as VEs. Included in the package will be an open book test, which must be passed. Only after successfully completing the test and submitting all paper work will a Potential Volunteer Examiner (PVE) be accredited as a VE. The manual will be distributed to registered PVEs in early July; thus, the first completed tests would reach ARRL Hq. about the time that the FCC is expected to adopt the recoupment rules and the ARRL-FCC VEC agreement is signed.

ARRL is continuing to register PVEs daily. Over 6000 have registered so far. If you are interested in participating in this exciting new phase of self-regulation in Amateur Radio, contact the Club and Training Department at ARRL Hq. -- they'll welcome your help.

---

The ARRL Executive Committee meeting in Aurora, Colorado on May 25, reviewed information gathered on simplex autopatches (1984 Board Meeting Minute 73). After discussing many aspects of the situation, the Committee instructed the General Manager, beginning with the August 1984 issue, to require the inclusion of the following disclaimer in QST Advertising which discusses the features of simplex autopatch devices: "Use of this device with a transceiver operating in the 2-meter band, or on any other frequency below 220.5 MHz, is not permitted unless a separate control link is provided."

---

The first cross-country HT QSO occurred at 1458 UTC May 28 when Amateurs in West Virginia and California made contact. Karen Henderson, KB6DDQ, in Los Angeles and Jay Paulovicks, KD8GL, in Wheeling, West Virginia used two-meter hand-held transceivers, facilitated by "gateway" stations, which served to connect local terrestrial repeaters to AMSAT-OSCAR 10 satellite.

In West Virginia, KD8GL used his two-meter HT to access the Triple States Radio Amateur Club repeater, KD8GL/R. Local gateway station W89ZTV converted the two-meter signals to 435-MHz SSB for OSCAR 10's uplink.

Meanwhile in Los Angeles, gateway station N6JFD (Mike Henderson) converted the SSB back to two-meter FM for the WA6DBT repeater to which KB6DDQ was tuned. Signals in both directions were excellent according to all listeners.

Later, the W7LWE repeater/gateway in Lake Havasu City, Arizona, joined in the fun. This made it the first three-way gateway operation and effectively linked Amateurs in three states using OSCAR 10's trunking capabilities. According to an AMSAT official, "This historic event marks the vanguard of easy-access satellite communications for utility use by minimally equipped Amateurs."

AMSAT suggests that demonstrations of satellite communications by using gateway interconnects may be just the vehicle to exhibit the new OSCAR 10 capabilities while reducing new-user costs. According to Vern "Rip" Riportella, WA2LDQ, of AMSAT, "Nothing can beat the flexibility of your own OSCAR station, but for those just starting out, this seems a good way to taste the wine before one buys the bottle." A free information kit is available from AMSAT for an s.a.s.e. Contact AMSAT, P.O. Box 27, Dept. GW, Washington, DC 20044

#### RESISTANCE HELP

From QUAD Co's. PARASATIC EMISSION by W4SIHK  
(via THE SINE OF THE TIMES")

This month, our intrepid hero, W3LID, is trying to replace some resistors in a WW surplus recve...but can't find a 253 ohm or a 37K resistor! From inside his nimble (thimble?) mind he recalls that the reason there are those unusual resistors is so that each one will be within the tolerance of at least one standard value. For instance, 50 ohms is within 10% of 47 and 51 ohms. Since ol' Fred's brain blows smoke when he has to crunch numbers, we wrote him this program for his VIC-20. It also works on TRS-III, mod 4 or Co-Co or most any other home computer. (note: It will run on the C-64. In line 230, use whatever signifies an exponent...the C-64 uses an "up arrow".)

```

10 DATA 10,11,12,12,15,16,18,20
20 DATA 22,24,27,30,33,36,39,43
30 DATA 47,51,56,62,68,75,82,91
40 DIM R(24)
50 FORN=1TO24
60 READ R
70 R(N)=R/10
80 NEXT N
90 PRINT
100 PRINT "RESISTOR CALCULATOR"
110 PRINT "=====
120 PRINT
130 PRINT "WHAT IS THE DESIRED"
140 PRINT "RESISTANCE IN OHMS"
150 INPUT R
160 PRINT
170 PRINT "WHAT IS THE DESIRED"
180 PRINT "TOLERANCE IN % ";
190 INPUT T
200 PRINT
210 P=INT(LOG(R)/2.3)
220 FOR I=P-1 TO P+1
230 P=10^P
240 FOR N=1 TO 24
250 RX=R(N)*P
260 IFABS(R-RX)>R*T/100 THEN 310
270 PRINT RX; "OHMS IS WITHIN"
280 PRINT I;"% OF"
290 PRINT R;"OHMS"
300 PRINT "-----"
310 PRINT NEXT N
320 PRINT NEXT I

```

Badger State Smoke Signals Congratulates Stu Gurske, K9EYY, on the recent birth of his new repeater...the new machine is on Hawk Hill, in the Lodi WI area. It talks well and it hears well. The output is 147.825, transit -600 KHz. Your Editor chatted with Stu thru the machine enroute to the Starved Rock Swapfest, and we worked the repeater all the way to Beloit on I-90. Stu sez the repeater will be open-access for all to use and enjoy. Well done, Stu...and thanx! --k9zz

Your Editor Received a couple of purty postcards from our amigo who spends a goodly part of his time in Arizona on business for his employer...looks like a rightly nice place...the cards came from Dave Knaus, WA9POV, whose home QTH is Milwaukee. Dave also has been an instrumental part of the West Allis Radio Amateurs Club, having produced its newsletter "Hamtrix" for a number of years, and also doing that chore for a time for the Wisconsin Association of Repeaters. Dave has also served those organizations in a number of capacities, and he was the first Affiliated Club Coordinator (ACC) for the Wisconsin Section of the ARRL under the new League Field Organization. --k9zz

BSSS also congratulates the following newly ARRL Affiliated Clubs in the Wisconsin Section:

South Milwaukee ARC, Inc., Oak Creek, WI

Washington County ARC, West Bend, WI

Best of luck to both clubs and we hope that we will be able to carry information about these newly affiliated clubs.

Did you know:

That Blaksmiths were honest forgers.  
That Daschund owners favor a low profile.  
That school of fish never play hockey.  
That light bulb know WATTS happening.  
That window cleaning is a pane.  
That chimney cleaers expect to get a lot of flue.  
That raising rabbits is a hare raising experience.  
from Amateur Radio News Service (ARNS) Bulletin

Note to editors: This, in fact is the third note... I moved last October. Yet several exchange papers are still going to my old QTH in Baraboo. Does this show that some Editors aren't reading Badger State? It looks that way! Try this address:

Jim Romelfanger, K9ZZ  
Rte. 1, Box 770  
North Freedom WI 53951-9799

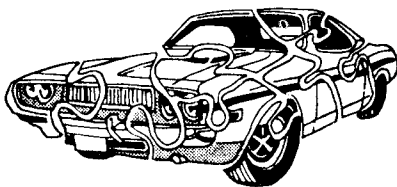
(Note: It is North Freedom, Not "New" Freedom.)

If you are receiving BSSS we would appreciate receiving your paper in exchange too.

jim k9zz



# Badger State Boosters



## P & B AUTO PARTS

P. O. Box 190 133 WATER ST.  
BARABOO, WISCONSIN 53913



ORGANS - PIANOS - TV - STEREO

Sales and Service

## Hays Music Store

Lyle "Jeff" Hays, Prop.

PORTAGE, WISCONSIN

VIDEO TAPE CLUB

305 DeWitt St.

Phone 742-3344

## PIERCE'S Supper Club

LUNCHEONS • DINNERS  
Your Favorite Cocktail  
Private Rooms For  
Weddings - Parties  
Banquets - To 300 +  
Business Meetings

FOR RESERVATIONS

**Call 356-5122**

Bus. U.S. 12 - Circus City - BARABOO



**Darrow's**

## COUNTRY MARKET

TOTAL DISCOUNT FOODS

935 8th Street • Box 90  
Baraboo, Wisconsin 53913

356-2106

We Buy Aluminum Cans



CHECK OUT OUR...  
**EVERYDAY  
LOW PRICES**



Where the customer is the company

## BARABOO FARMERS UNION

CO-OP

Feed, Seed, Fuels, Farm Supplies

BARABOO, WISCONSIN

356-6636

## TURNER'S

Broadway Liquor Mart

And Self-Serve

Beer - Liquor - Wine

**GAS**

805 Broadway

Baraboo, Wis. 53913

356-9488

## Baraboo Floral Company

FLOWERS FOR ALL OCCASIONS

BUY FROM A GROWER

We wire flowers almost everywhere

PHONE 356-5336 - WE DELIVER



1406 East Street

Baraboo, Wisconsin 53913



**Giegerich's Sons  
Inc.**

514 Park Avenue

PRAIRIE DU SAC, WISCONSIN 53578

"Sauk Prairie's Quality Printers  
and House of Office Supplies"

## LEISURE WORLD

125 Fourth Street

Baraboo, Wis. 53913

356-5280

BETA AND UHS MOVIE RENTALS

VIDEO CASSETTE RECORDERS

T. V.—RADIOS—COMPUTERS & SOFTWARE

T. V. & RADIO REPAIR

## TROYER *Rexall* DRUGS

JACK D. TROYER, R.P.H. DAVID M. FUHS, R.P.H.

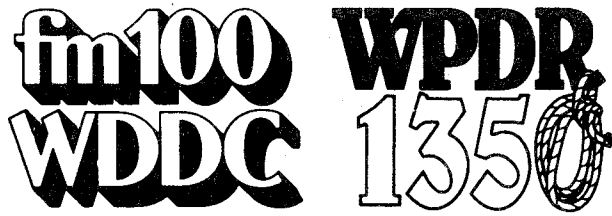
106 - 4th AVE. PHONE 356-4964

BARABOO, WISCONSIN

"Good Health Is Our Business"

WE MAINTAIN A COMPLETE RECORD OF ALL  
YOUR FAMILY'S PRESCRIPTION PURCHASES

# Badger State Boosters



PORTAGE, WI



AFFILIATED WITH



## THE ORIGINAL MIDWINTER SWAPFEST

WAUKESHA EXPOSITION CENTER  
HIGHWAYS F & FT  
WAUKESHA, WISCONSIN

WAAAC SWAPFEST  
P.O. Box 1072  
MILWAUKEE, WISCONSIN 53201



## Radio Shack

### VODAK TV SALES

COLOR TV - B & W TV  
TOP TUNES - RECORDS - LP - STEREO  
TV ANTENNA SYSTEMS - CB - SCANNERS

We Stock  
COMPUTERS

Antenna Wire and Insulators  
Coaxial Cable and Connectors  
Coaxial Adapters

404 Oak Street

PHONE 356-6666

BARABOO, WIS. 53913

We now sell & install Satellite TV systems

HAM IT UP EVERY SPRING

## MADISON SWAPFEST

DANE COUNTY EXPO CENTER  
FORUM BUILDING

Sponsored By MARA WB9AER

Box 3403 - Madison, Wis. 53704

## AMATEUR ELECTRONIC SUPPLY®

4828 W. Fond du Lac Avenue  
Milwaukee, WI 53216  
Phone: (414) 442-4200

Wisconsin WATS: 1-800-242-5195  
(Call TOLL FREE outside of Milwaukee Metro area)

HOURS: Mon. thru Fri. 9-5:30; Sat. 9-3

## SOUTH MILWAUKEE AMATEUR RADIO CLUB

### SWAPFEST

Held Every July

American Legion Park  
Shepard Ave. Oak Creek, WI

South Milwaukee ARC  
P. O. Box 102  
South Milwaukee, WI 53172



SUPERMARKETS INC.

When in the Area Shop Our Baraboo, Portage  
North, Portage Downtown, Pardeeville and  
Fox Lake Wisconsin Stores.



• LARSEN •  
MOBILE & BASE ANTENNAS

Roy L. Rosser, Jr.  
5909 Malabar Ln.  
Madison, WI 53711

W9IAU  
(608) 271-2177

608-742-8345

Portage, WI 53901

SAM'S

"Radio Shack"  
DEALER

THE BIGGEST NAME IN LITTLE COMPUTERS®

Wide Selection of Electronic Parts

Northridge Shopping Center

Hwy. 51 North

KODAK  
disc  
Camera

SCHERSCHEL  
CAMERA  
SHOP

129 4TH ST.  
BARABOO, WI. 53913 356-9165

Complete Stock of Darkroom  
Chemistry and Materials

# BADGER STATE SMOKE SIGNALS

## SUBSCRIPTION INFORMATION

Dear Fellow Radio Amateur:

If you are not regular recipient of Badger State Smoke Signals, this sample copy is to introduce our publication to you and invite you to join our regular readers. Smoke Signals has been published monthly for over 14 years. Originally published as the club paper for the Yellow Thunder Amateur Radio Club, it has been for the past two years a state-wide publication.

Badger State Smoke Signals will carry current Amateur Radio news, news about YTARC, WNA, ARRL and other clubs and groups in Wisconsin as well. You will be kept apprised of what is happening in our hobby - locally, regionally, nationally and around the world. Among the many features will be Sentence Sermons, member birthdays, swapfest calendar, ARRL section news, humor and excellent feature articles by well-known Amateurs in Wisconsin and elsewhere. Reports will be included from ARRL Bulletins, ARRL Newsletters, and Westlink Reports, along with items of interest from exchange newsletters and the ARNS.

Regular individual subscription rates:

1 year	-	\$6.00 (12 issues)
2 years	-	\$11.50 (24 issues)
3 years	-	\$17.00 (36 issues)

If you wish to subscribe, please use the form below. Make checks or money orders payable to Badger State Smoke Signals. Send this form to Jim Decker, WB9UQT, Treasurer, P.O. Box 337, Baraboo, Wis. 53913.

In addition to the above rates, a special reduced rate is available to clubs having 20 or more subscriptions per year at a rate of \$4.50 each.

Clubs wishing to participate in Badger State Smoke Signals with a column devoted to their club can receive a lower rate. Mailings must be made to the entire club membership and your club would receive a 15 percent additional complimentary mailings. (There are presently over 85 complimentary and exchange addresses on the mailing list in addition to the present subscribers.)

Less than 50 members	\$3.60 per year
Over 50 members	\$3.00 per year

Badger State Smoke Signals would be happy to serve your members as the official journal for your club. For information and requirements please contact Ken Ebner, K9EN, 822 Wauona Trail., Portage, Wisconsin 53901 -- (608) 742-3560

-----rip here-----

Jim: Enclosed is my check/money order for \$ \_\_\_\_\_. Please enter

my subscription to Badger State Smoke Signals for \_\_\_\_\_ years.

Name \_\_\_\_\_ Call \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

bsss 7-84



BADGER STATE SMOKE SIGNALS

Jim Romelfanger, K9ZZ, Editor  
(see page two for exchange address)

return address:

Kenneth A. Ebnetter, K9EN  
822 Wauona Trail  
Portage, Wisconsin 53901

BULK RATE  
U.S. POSTAGE  
PAID  
PERMIT # 265  
PORTAGE WI 53901

Though caviar is aluxury,  
With prices that still burgeon  
To me it always tastes as if  
It came from a plastic sturgeon  
-- E.B. de Vito

DATED MATERIAL -- PLEASE DON'T DELAY

THIRD CLASS MAIL